

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
 Data File : BP019646.D
 Acq On : 09 Feb 2024 22:58
 Operator : MA/JU
 Sample : P1391-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-2

Quant Time: Feb 10 00:55:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

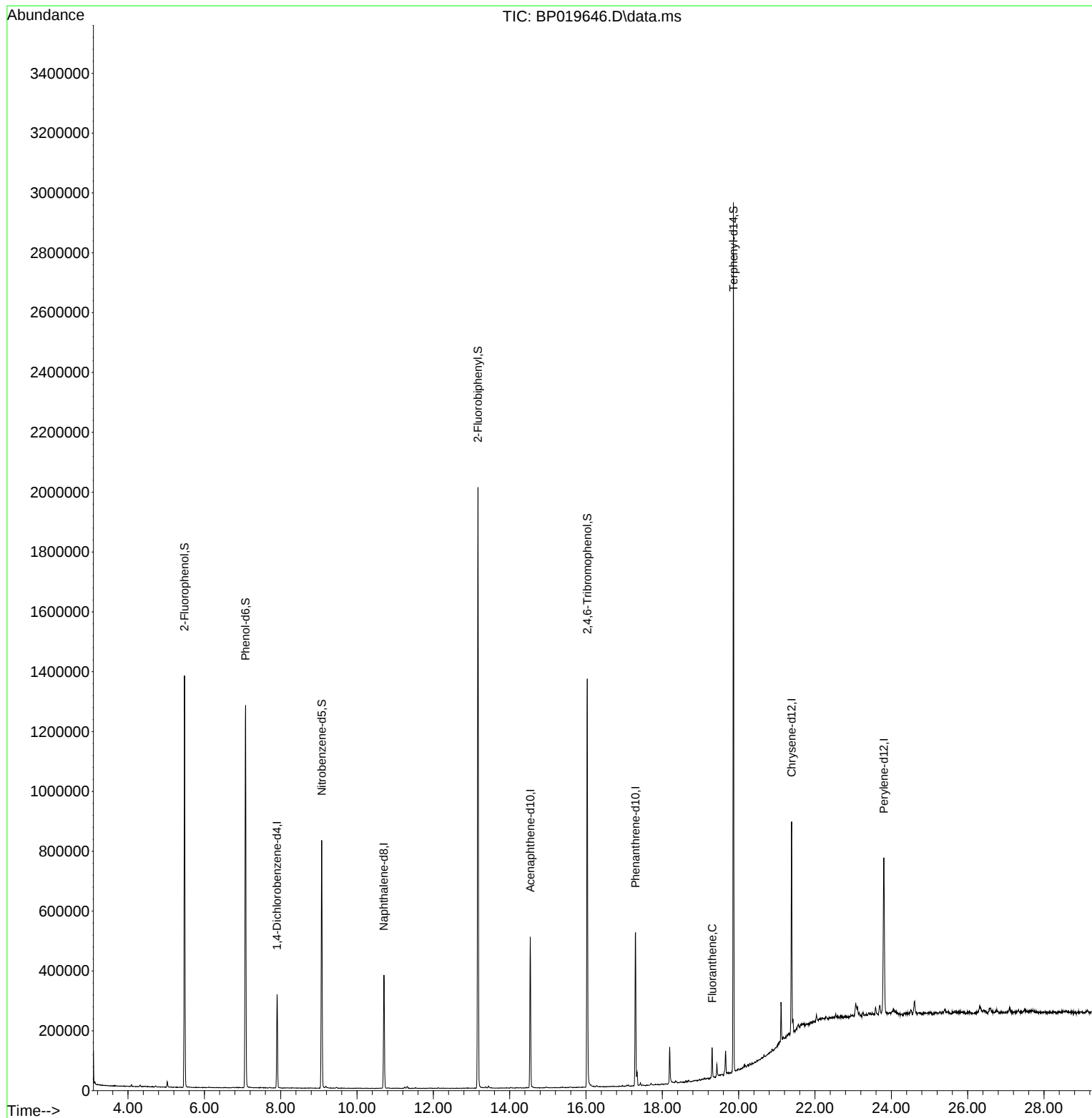
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	82579	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	303417	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	172988	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	333260	20.000	ng	0.00
76) Chrysene-d12	21.386	240	356579	20.000	ng	0.00
86) Perylene-d12	23.804	264	442435	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	548106	106.989	ng	0.00
7) Phenol-d6	7.081	99	710802	102.900	ng	0.00
23) Nitrobenzene-d5	9.075	82	490163	70.001	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	281781	111.563	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1027686	73.442	ng	-0.01
79) Terphenyl-d14	19.863	244	1372944	63.320	ng	0.00
Target Compounds						
75) Fluoranthene	19.304	202	58777	2.743	ng	Qvalue 97

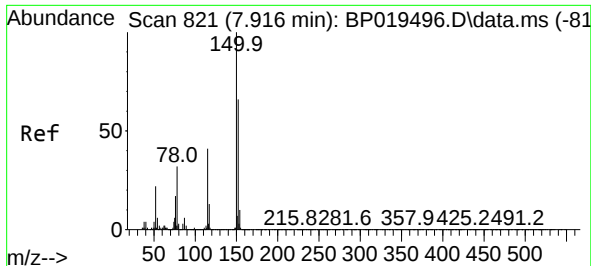
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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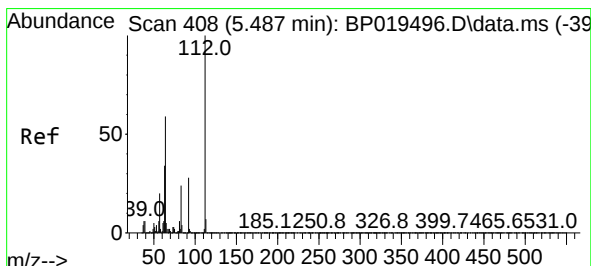
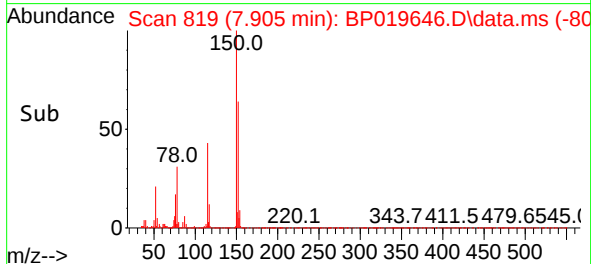
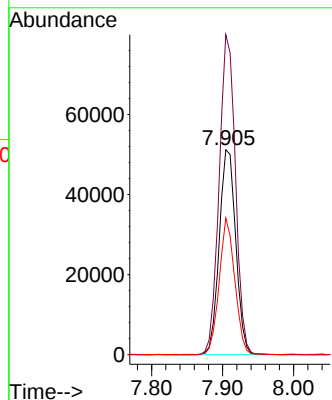
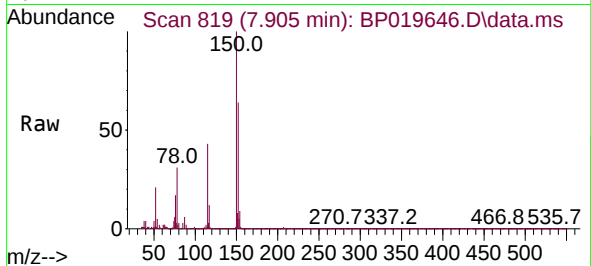




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019646.D
Acq: 09 Feb 2024 22:58

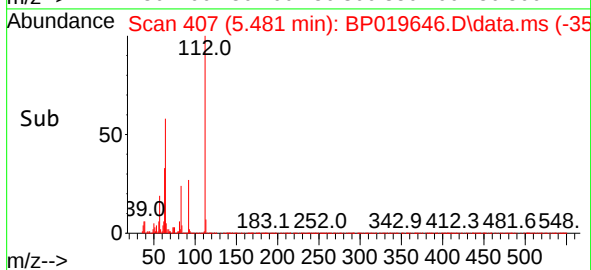
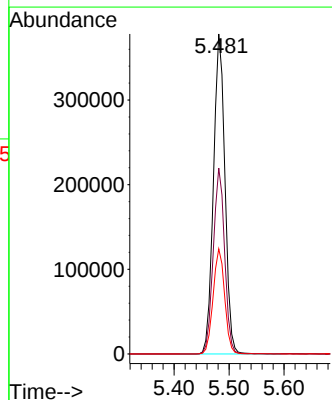
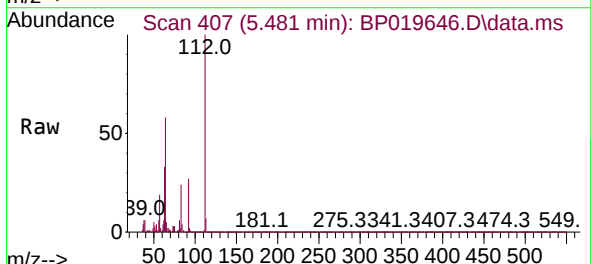
Instrument :
BNA_P
ClientSampleId :
SP-2

Tgt Ion:152 Resp: 82579
Ion Ratio Lower Upper
152 100
150 156.2 121.8 182.8
115 66.7 49.9 74.9



#5
2-Fluorophenol
Concen: 106.989 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019646.D
Acq: 09 Feb 2024 22:58

Tgt Ion:112 Resp: 548106
Ion Ratio Lower Upper
112 100
64 58.1 47.4 71.0
63 32.8 27.0 40.6

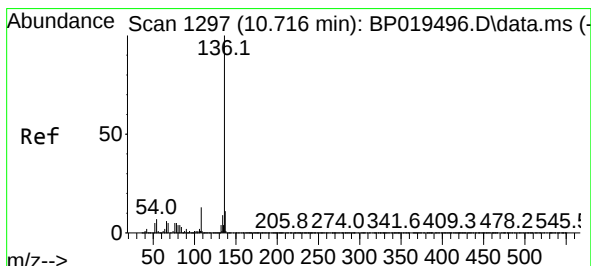
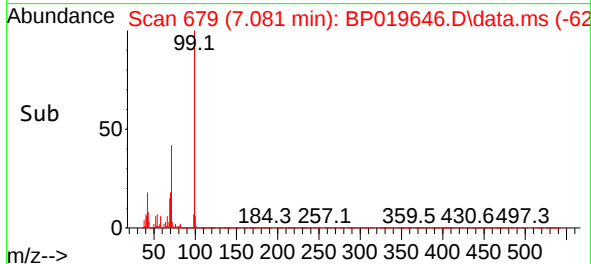
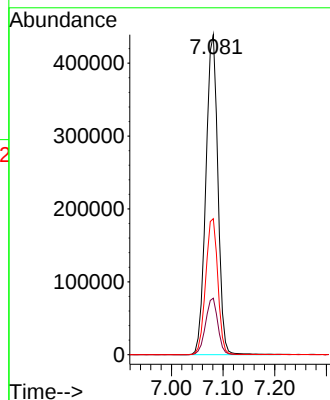
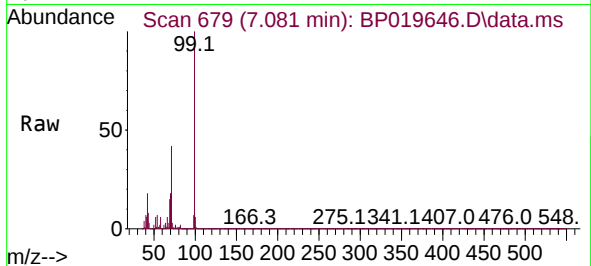




#7
Phenol-d6
Concen: 102.900 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019646.D
Acq: 09 Feb 2024 22:58

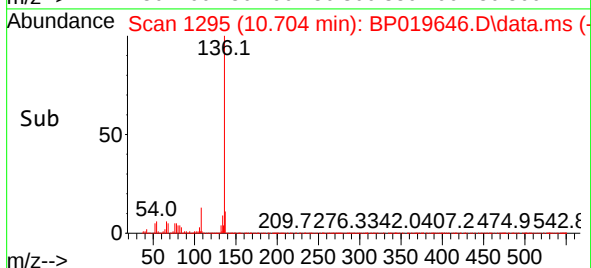
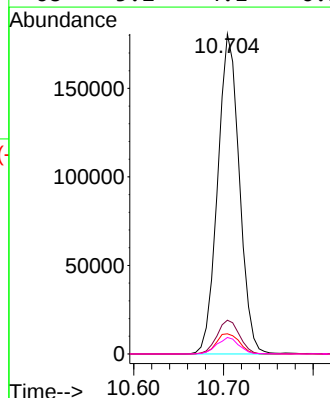
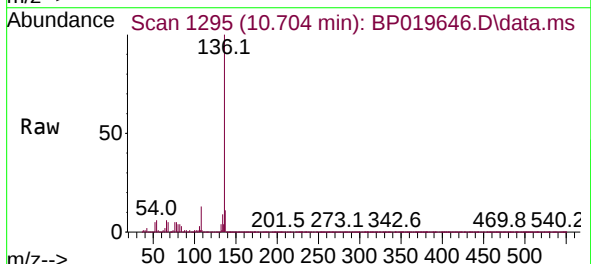
Instrument :
BNA_P
ClientSampleId :
SP-2

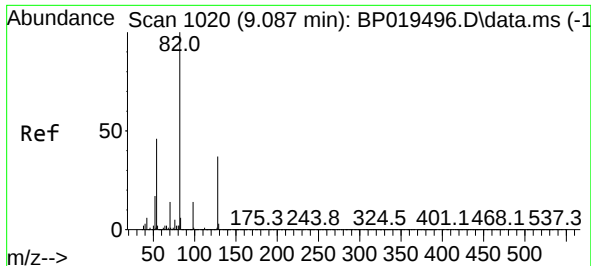
Tgt Ion: 99 Resp: 710802
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 42.5 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019646.D
Acq: 09 Feb 2024 22:58

Tgt Ion: 136 Resp: 303417
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.3 5.3 7.9
68 5.2 4.1 6.1

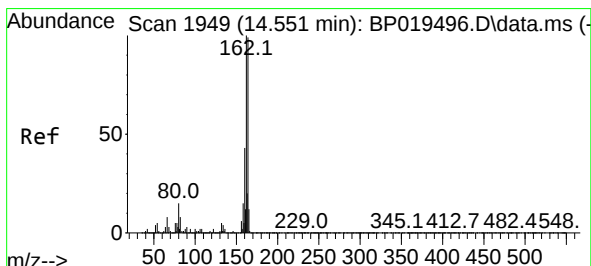
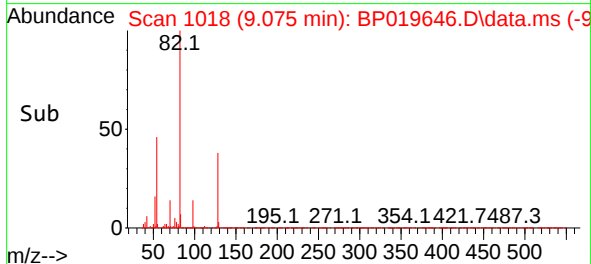
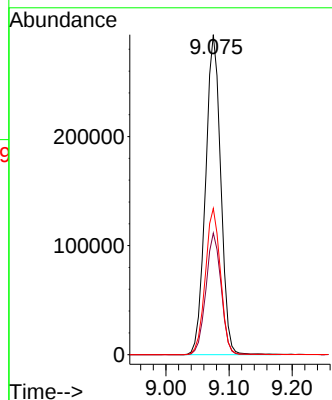
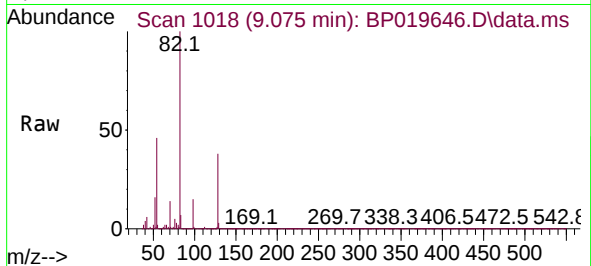




#23
Nitrobenzene-d5
Concen: 70.001 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019646.D
Acq: 09 Feb 2024 22:58

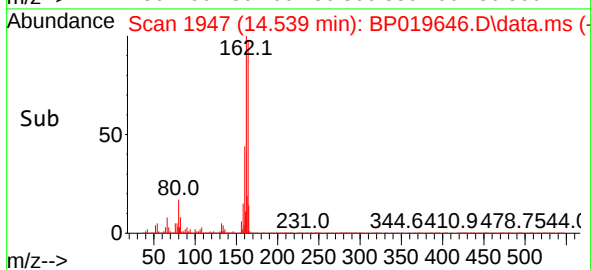
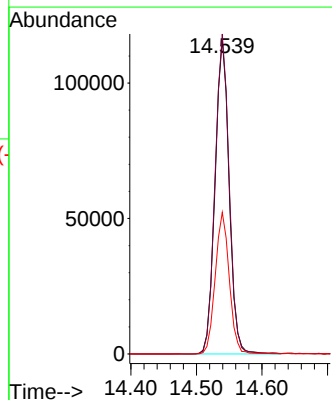
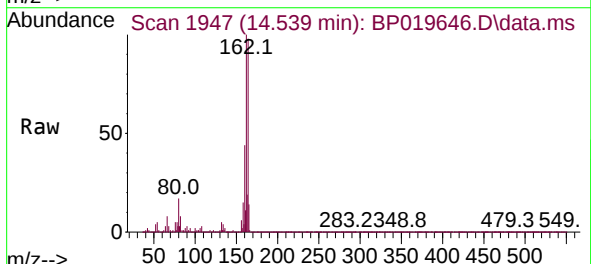
Instrument :
BNA_P
ClientSampleId :
SP-2

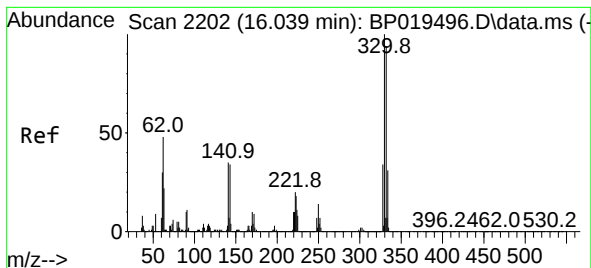
Tgt Ion: 82 Resp: 490163
Ion Ratio Lower Upper
82 100
128 38.0 29.7 44.5
54 45.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019646.D
Acq: 09 Feb 2024 22:58

Tgt Ion: 164 Resp: 172988
Ion Ratio Lower Upper
164 100
162 101.7 81.2 121.8
160 45.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 111.563 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019646.D

Acq: 09 Feb 2024 22:58

Instrument :

BNA_P

ClientSampleId :

SP-2

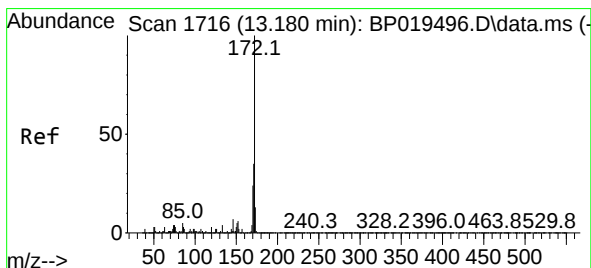
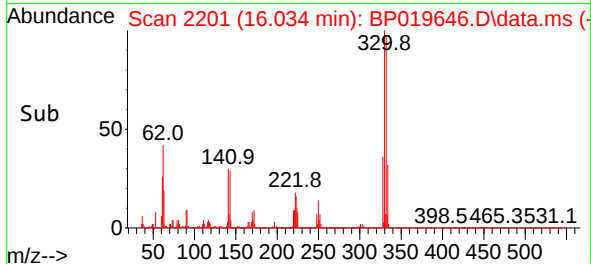
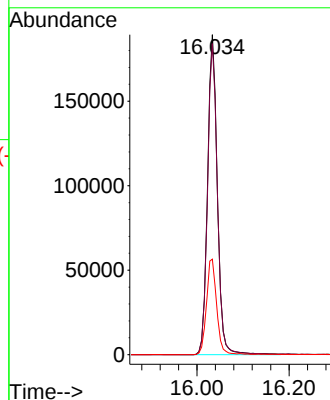
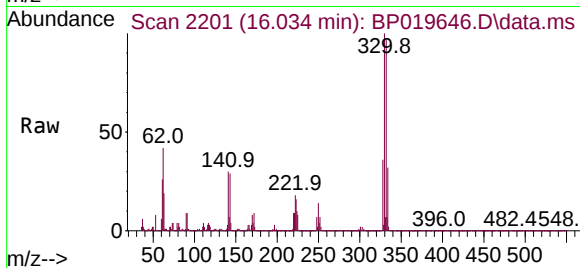
Tgt Ion:330 Resp: 281781

Ion Ratio Lower Upper

330 100

332 97.9 77.2 115.8

141 31.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 73.442 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019646.D

Acq: 09 Feb 2024 22:58

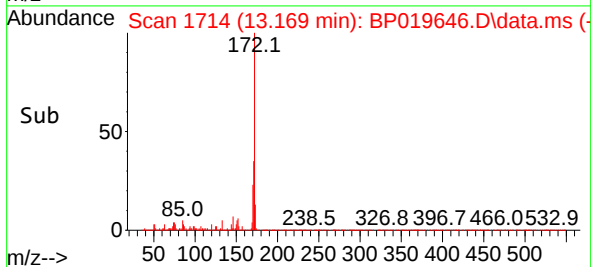
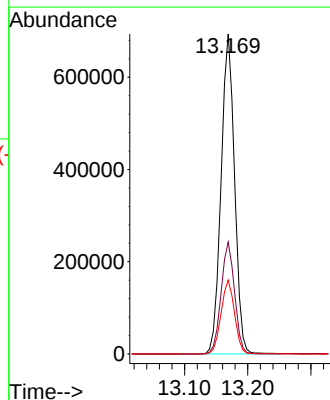
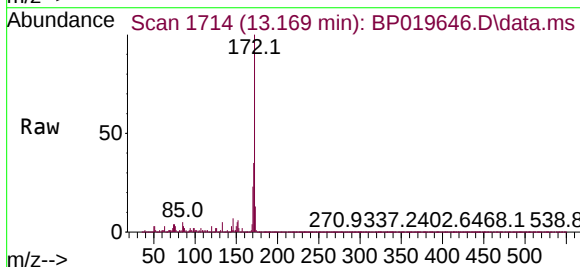
Tgt Ion:172 Resp: 1027686

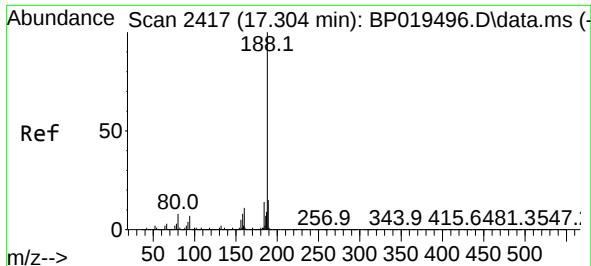
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.1 18.9 28.3

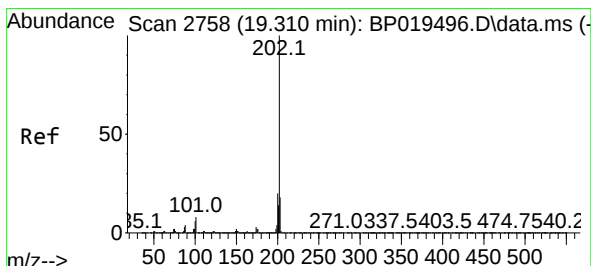
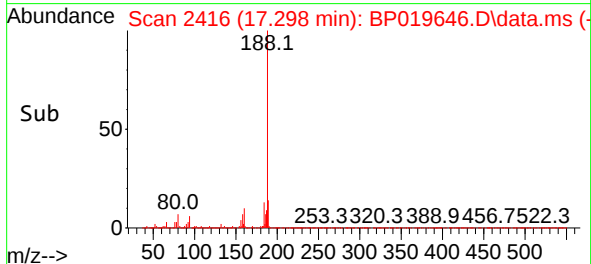
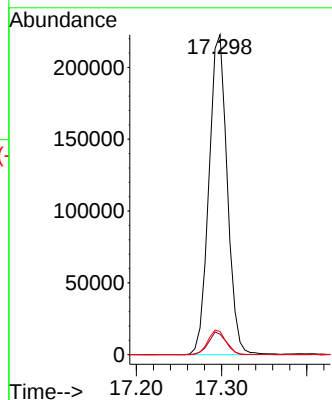
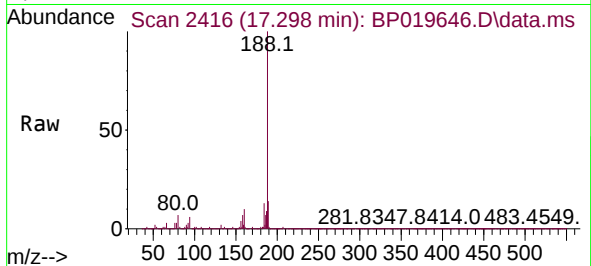




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP019646.D
Acq: 09 Feb 2024 22:58

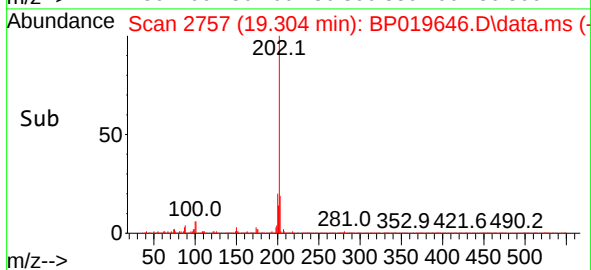
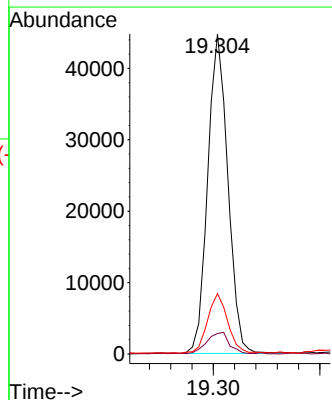
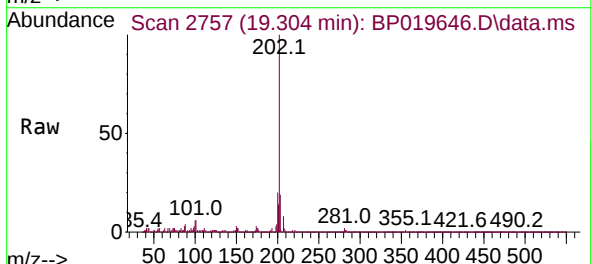
Instrument :
BNA_P
ClientSampleId :
SP-2

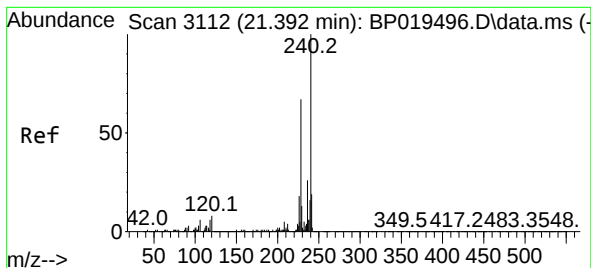
Tgt Ion:188 Resp: 333260
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.2
80 7.3 6.3 9.5



#75
Fluoranthene
Concen: 2.743 ng
RT: 19.304 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP019646.D
Acq: 09 Feb 2024 22:58

Tgt Ion:202 Resp: 58777
Ion Ratio Lower Upper
202 100
101 6.4 0.0 27.7
203 18.8 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019646.D

Acq: 09 Feb 2024 22:58

Instrument :

BNA_P

ClientSampleId :

SP-2

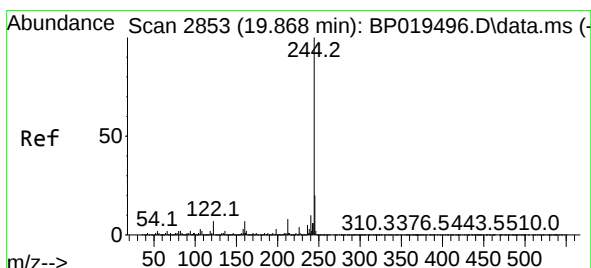
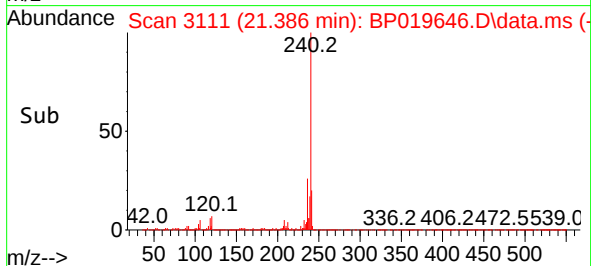
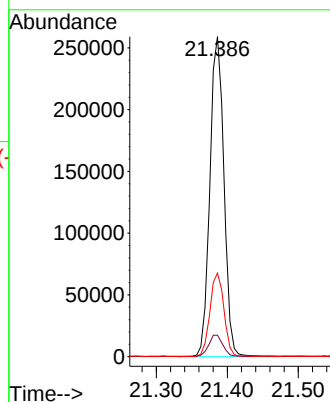
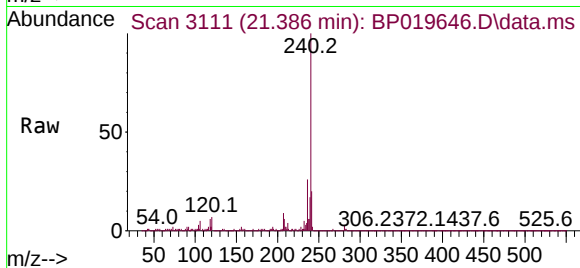
Tgt Ion:240 Resp: 356579

Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

236 26.1 20.7 31.1



#79

Terphenyl-d14

Concen: 63.320 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019646.D

Acq: 09 Feb 2024 22:58

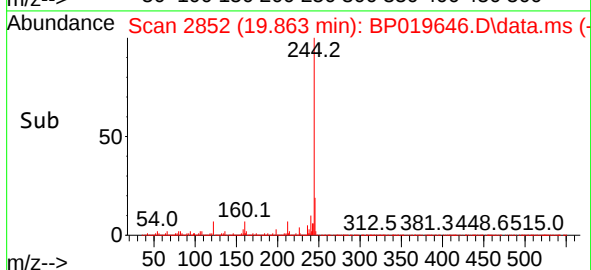
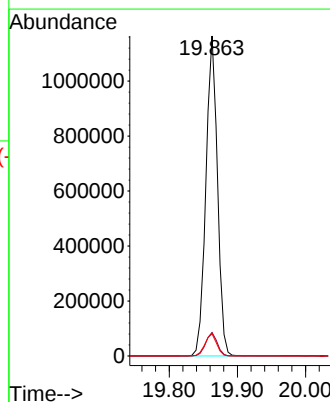
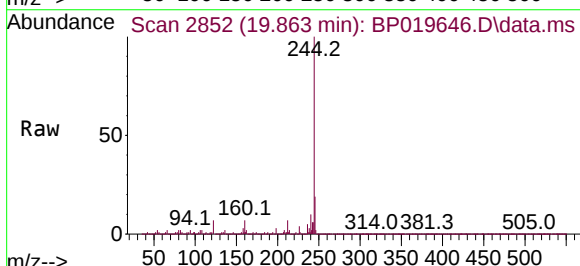
Tgt Ion:244 Resp: 1372944

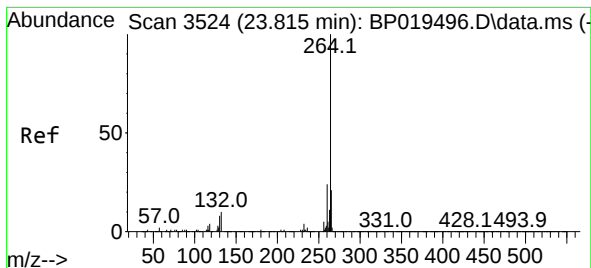
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.9 5.9 8.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP019646.D

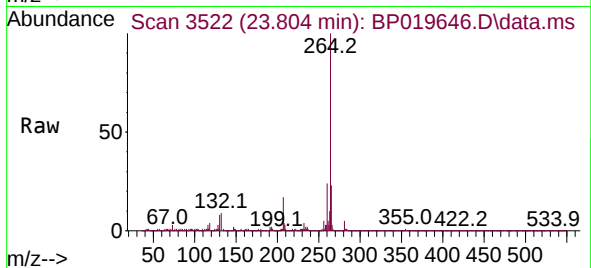
Acq: 09 Feb 2024 22:58

Instrument :

BNA_P

ClientSampleId :

SP-2



Tgt Ion:264 Resp: 442435

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.8 17.0 25.4

